

ABSTRACT

There is provided a magnetic recording apparatus which, even when crosstalk occurs between signals from three photosensitive parts of a photodetector, can detect a high-precision tracking error signal with stability.

In a signal processing unit 61 which processes electrical signals outputted from photosensitive part of a photodetector 15 to detect a tracking error signal, an output signal from an I-V converting unit 354 is subjected to voltage division by voltage-dividing units 381 and 382, and the voltage-divided output signals and output signals from I-V converting units 353 and 355 are subjected to differential calculation by differential arithmetic units 376 and 377, respectively.